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INFORMATION DISCLOSURE		Application Number	10/825,186			
STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	April 16, 2004	
				First Named Inventor	Zhang et al.	
			יעיי	Art Unit	<del>1645 -</del> 1631	
				Examiner Name	To Be Assigned Moran	
Sheet	l	of	2	Attorney Docket Number	57953/1221 (ZHA01-01)	

			U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No.'	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	
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Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Cohimns, Lines, Where Relevant Passages or Relevant Figures Appear	T4
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup>				
		OTHER PRIOR A	RT – NON PATENT L	ITERATURE DOCUMENTS		
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/M.M./	1	Chen et al., "Fractionation of Peptide with Disulfide Bond for Quantum Mechanical Calculation of Interaction Energy with Molecules," Journal of Chemical Physics 120(2):839-844 (2004)				
/M.M.	, 2	Chen et al., "Theoretical Method for Full ab initio Calculation of DNA/RNA-Ligand Interaction Energy," Journal of Chemical Physics 120(24):11386-11391 (2004)				
/M.M./	3	Gao et al., "An Efficient Linear Scaling Method for ab initio Calculation of Electron Density of Proteins," Chemical Physics Letters 394:293-297 (2004)				

Examiner	/Marjorie Moran/	Date	03/18/2007
Signature	i indijono morani	1 - 1	03/10/2007
Signature		Considered	

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o persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449B/PTO BADEN Complete if Known 10/825,186 Application Number INFORMATION DISCLOSURE April 16, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Zhang et al. (use as many sheets as necessary) 1631 Group Art Unit 1645 To Bo Assigned Moran Examiner Name 2 Sheet 2 Attorney Docket Number 57953/1221 (ZHA01-01)

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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/M.M./	4	Xiang et al., "Fully Quantum Mechanical Energy Optimization for Protein-Ligand Structure," Journal of Computational Chemistry 25(12):1431-1437 (2004)				
	5	Zhang et al., "Full ab initio Computation of Protein-Water Interaction Energies," Journal of Theoretical and Computational Chemistry 3(1):43-49 (2004)				
	6	Zhang et al., "Molecular Caps for Full Quantum Mechanical Computation of Peptide-Water Interaction Energy," Journal of Computational Chemistry 24(15):1846-1852 (2003)				
	7	Zhang et al., "Molecular Fractionation with Conjugate Caps for Full Quantum Mechanical Calculation of Protein-Molecule Interaction Energy," Journal of Chemical Physics 119(7):3599-3605 (2003)				
	8	Zhang et al., "New Advance in Computational Chemistry: Full Quantum Mechanical ab Initio Computation of Streptavidin-Biotin Interaction Energy," J. Phys. Chem. 107:12039-12041 (2003)				
$\bigvee$	9	Zhang et al., "Quantum Mechanical Map for Protein-Ligand Binding with Application to $\beta$ -Trypsin/Benzamidine Complex," Journal of Chemical Physics 120(3):1145-1148 (2004)				

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